

Barrett Paving Materials Inc.)	Departmental
Piscataquis County)	Findings of Fact and Order
Dover-Foxcroft, Maine)	Air Emission License
A-75-71-Q-A)	Amendment #2

After review of the air emission license amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts.

I. REGISTRATION

A. Introduction

Barrett Paving Materials Inc. (Barrett Paving) located in Dover Foxcroft, Maine, was issued air emission license A-75-71-O-M/R on April 12th, 2000, and air license amendment A-75-71-P-M on December 4th, 2001. These licenses permitted air emissions for the operation of their hot mix asphalt plant, and their crushed stone and gravel facility.

Barrett Paving has submitted an application for an amendment to replace the existing secondary rock crusher with a newer model.

B. Emission Equipment

Description	Max process rate	Date of Manufacture	Control Device
Secondary Rock Crusher*	300 ton/hr	1992	Water Sprays
Secondary Rock Crusher	300 ton/hr	1998	Water Sprays

* Equipment to be removed.

C. Application Classification

The modification of a minor source is considered a major modification based on whether or not expected emission increases exceed the "Significant Emission Levels" as given in Maine's Air Regulations. This modification is determined to be a minor modification and has been processed as such.

II. BEST PRACTICAL TREATMENT (BPT)

In order to receive a license, the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined by Chapter 100 of the Air Regulations. BPT for new units consists of meeting Best Available Control Technology (BACT)

BACT for the new secondary crusher is the following.

The secondary rock crusher was manufactured in 1998 with a rated capacity of 300 ton/hr. This rock crusher is therefore subject to EPA New Source Performance Standards (NSPS) Subpart OOO for Nonmetallic Mineral Processing Plants manufactured after August 31, 1983, with capacities greater than 150 tons/hr for portable plants and greater than 25 tons/hr for non-portable plants.

The regulated pollutant from the rock crushers is particulate emissions. To meet the requirements of Best Practical Treatment (BPT) and NSPS for control of particulate matter (PM) emissions from the rock crusher, Barrett Paving shall operate and maintain water sprays on the rock crusher. Visible emissions from the rock crusher shall be limited to no greater than 10% opacity on a 6 minute block average basis.

The new secondary rock crusher is exempt from startup performance testing per 40 CFR, part 60.670, subpart (d)(1).

III. AMBIENT AIR QUALITY ANALYSIS

According to the Maine Regulations Chapter 115, the level of air quality analyses required for a non major source shall be determined on a case-by case basis. Based on the information available in the file, and the similarity to existing sources, Maine Ambient Air Quality Standards (MAAQS) will not be violated by this source. An air quality analysis is not required for this amendment.

ORDER

Based on the above findings and subject to the conditions listed below, the Department concludes that the emissions from the source:

- Will receive Best Practical Treatment
- Will not violate applicable emission standards.
- Will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

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The Department hereby grants Air Emission License Amendment A-75-71-Q-A, subject to the conditions found in Air Emission License A-75-71-O-M/R, in Air Emission License Amendment A-75-71-P-M, and the following conditions:

(25) New Source Performance Standards For Rock Crushers

The secondary rock crusher is subject to 40 CFR Part 60 Subparts A and OOO and Barrett Paving shall comply with the notification and record keeping requirements of 40 CFR Part 60.676 and Part 60.7, except for Section (a)(2) of 60.7 per Subpart OOO, §60.676(h).

The new secondary rock crusher is exempt from startup performance testing per 40 CFR, part 60.670, subpart (d)(1).

(26) Barrett Paving shall submit to EPA and Maine DEP written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in this Order.

(27) This Order shall expire concurrently with Air Emission License A-75-71-O-M/R.

DONE AND DATED IN AUGUSTA, MAINE, THIS DAY OF , 2003

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE THE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 2/3/03

Date of initial acceptance: 2/19/03

Date filed with Board of Environmental Protection: _____

This Order prepared by Jonathan Voisine, Bureau of Air Quality.